



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of W. BEGELL ET AL.

Group Art Unit: 1723

Application No.: 10/082,065

Examiner: TO BE ASSIGNED

Filed: February 26, 2002

Docket No.: 12063/11

For: PULSE ENERGY TRANSFORMATION

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SECOND INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

Respectfully submitted,  
KENYON & KENYON

Date: September 6, 2002

Dianoosh Salehi  
Dianoosh Salehi  
Registration No. 46,352

1500 K Street, N.W., Suite 700  
Washington, D.C. 20005  
Telephone: 202-220-4200  
Facsimile: 202-220-4201

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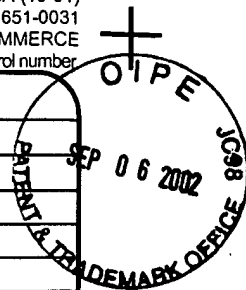
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 4

**Complete if Known**

Application Number	10/082,065
Filing Date	February 26, 2002
First Named Inventor	W. BEGELL et al.
Group Art Unit	1761
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	12063/11

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 6,228,239	05-08-01	Manalastas et al.	
		US- 6,214,236	04-10-01	Scalliet	
		US- 6,077,433	06-20-00	Henriksen et al.	
		US- 6,033,576	03-07-00	Russo	
		US- 5,951,456	09-14-99	Scott	
		US- 5,811,013	09-22-98	Ito	
		US- 5,580,464	12-03-96	Bailes	
		US- 5,716,525	02-10-98	Nickerson	
		US- 5,704,276	01-06-98	Osajima et al.	
		US- 5,643,459	07-01-97	Hubred et al.	
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		US- 5,538,628	07-23-96	Logan	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		SU 1713628	02-23-92	Dobkin et al.		
		SU 1694196	11-30-91	Esikov et al.		
		SU 1449154	01-07-89	Dolinskii et al.		
		SU 1590135	09-07-90	Nemchina et al.	Abstract only	
		SU 1176933	09-07-85	Nemchina et al.		
		SU 827138	05-07-81	Beskorovai et al.	Abstract only	
		NL 7207259	11-29-79	Chisso Engineering, Ltd.		
		SU 593724	02-05-78	Nemchin et al.		

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Sheet

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Attorney Docket Number	12063/11

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

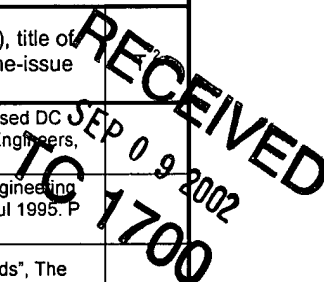
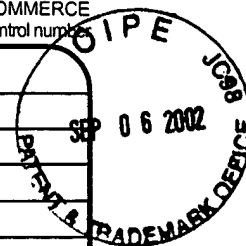
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		BAILES ET AL., article entitled, "Experimental Investigation into the Motion of a Single Drop in a Pulsed DC Electric Field", Chemical Engineering Research and Design, Transaction of the Institute of Chemical Engineers, Part A v 78 n 3 2000, p 499-505
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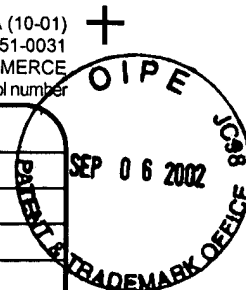
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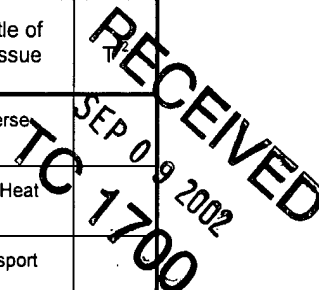


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Sheet	3	of	4	Attorney Docket Number	12063/11



OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		DOLINSKII, A., entitled "Mechanisms of Hydrodynamic Fragmentation of Inclusions in a Boiling-up Disperse Medium Flow", Heat Transfer Research v. 28 n4 1997.p 319-324
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		DOLINSKII, et al., article entitled, "Experimental Investigation of Droplet Free Oscillations during its Transport Through a Liquid", Dopov. Nats. Akad. Nauk Ukr. (1996), (11), 103-108
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		EOW, J.S. et al., article entitled, Deformation and Break-up Of Aqueous Drops in Dielectric Liquids in High Electric Fields", Journal of Electrostatics (May 2001) vol. 51-52, p.463-9 – 10 refs.
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		LINARDI, M. et al., article entitled, "Experimental Investigations of the Separation of Aqueous Entrainments from tri-n-butyl phosphate by electric fields", Kerntechnik v 61 n 4 Aug 1996.p 168-172



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		TEKLE, E., article entitled "Dynamics of Electric Field Induced Transient Phase Separation In Water-in-Oil Microemulsion", Journal of Physical Chemistry, Aug. 1989; vol. 93, no. 16, p. 5966-9; U.S.
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